



## NASHVILLE SCHOOL VALLE DE ANGELES

II PARTIAL Presentation's Date: Wednesday, December 6<sup>th</sup>, 2017

PHYSICS 11<sup>th</sup> Grade Mr. Javier Hernández



Student's Name: \_\_\_\_\_

Watch the following videos and answer:

<https://www.youtube.com/watch?v=Q79ztk0o5Jk>

<https://www.youtube.com/watch?v=pnBRFXgaTMo>

<https://www.youtube.com/watch?v=L6cgSxpGmDo>

a) Define the following concepts:

- 1) Capacitance
- 2) Voltage
- 3) Resistance
- 4) Current
- 5) Charge

b) Explain the relationship between the following concepts

- 1) Voltage, resistance and current.
- 2) Capacitance, Charge and voltage

c) What is the function of a capacitor in an electric circuit? Exemplify

d) How can we identify the capacitance of a capacitor?

e) Make a resource about why we use the FARAD as a unit?